

### **Abstract**

A process for manufacturing fibre-reinforced plastic components whereby, a reactive starting mixture is prepared from a starting material and injected into a cavity in a mould containing a fibre-type mass, whereby the reactive molten mass along with the fibre-type mass is transformed by means of a polymeric reaction into a fibre-reinforced plastic component. A heated plasticising unit with screw feed system, prepares the starting material as a low viscosity, reactive molten mass, and the reactive molten mass is conveyed by the screw feed system from the plasticising unit and injected either directly or indirectly into the cavity of the mould.